

ZAYTSEVA, S. D.

[illegible][illegible]

G. M. Kumbargi

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POCHINOK, V.Ya.; ZAYTSEVA, S.D.; Prinimali uchastiye; Pochinok, P.Ya.;
BELINSKAYA, H.V., student; PEDCHENKO, L.F., student; AVRAMENKO, L.F.,
student; MARCHENKO, H.G., student

Thiazolotetrazoles and triazenes synthesized from them.
Zhur.prikl.khim. 33 no.7:351-355 J1 '60.
(MIRA 13:7)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko.
(Tetrazole) (Triazene)

ZAITSEVA, S. D.

1. POCHINOK, V. IA.; ZAITSEVA, S. D.; EL'GORT, R. G.
2. USSR (600)
4. Tetrazole
7. Benzothiazolotetrazoles, Ukr. khim. zhur., 17, No. 4, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

POCHINOK, V.Ya.; ZAYTSEVA, S.D.; Prinimala uchastiye MARCHENKO, N.G.,
studentka

Reactions of benzothiazolylcyantriazenes with ammonia, amines,
hydroxylamine, hydrazine, and benzohydrazide. Ukr.khim.zhur.
27 no.5:675-680 '61. (MIRA 14:9)

1. Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.
(Triazene) (Ammonia)

ZAYTSEVA, S. A.

26108. Zaytseva. Steproye lesor^zavedeniye i poleznashchitnyye lesnyye polosy v lesostepnoy i stepnoy zonakh SSSR. (Sistemat. ukazatel' literatury za 1934-1948 gg.) Voprosy geografii, sb. 13, 1949, s. 203-27

SO: Knizhnaya Letopis', Vol. 1, 1955

ZAYTSEVA, S.A.

Some characteristics of the relationship between auroras and
magnetic disturbances. Geomag. i aer. 5 no.3:585-588 My-Je
'65. (MIRA 18:5)

1. Polyarnyy geofizicheskiy institut Kol'skogo filiala AN SSSR.

ЗАТОНОВА, С.А., ПИЧУКОВ, Ю.А.
Институт химии твердого тела АН УССР

Preparation of copper paper on the grid of copper alloy. *Изв. АН УССР, Сер. Др. Наук.* 1964, (12): 181-184. (M-64 181)

1. Katedra radiofiziky Moskovskogo universiteta.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100008-6

ZAYTSOVA, S., inzh.

Outfit for tubeless-tire repair. 2a rul. 17 no.12:24
D '59. (MIRA 13:4)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Automobiles--Tires--Maintenance and repair)

ZAYTSEVA, R. P.

Increasing dimensional accuracy of plugs of piercing mills.
R. P. Zaitseva, I. M. Lidenok, and T. N. Bichogal
(Leningrad Rolling Mill, Dnepropetrovsk, Stal' 16,
302-3(1066)). Plugs made of 1.2-1.3% C, 14-15% Cr
steel usually cut, ground to size, normalized at 1020-1050
and tempered at 650-700° could not meet dimensional
tolerances. After shrinkage and expansion occurred in-
discriminately and without any explanation, particularly
when residual Ni varied up to 3%. By normalizing before
finishing the residual austenite was stabilized and subse-
quent tempering produced acceptable dimensional changes.
J. D. Cal

ZAYTSEVA, R.P., inzhener; LUDENSKIY, I.M., inzhener; SHCHEGOL', T.S., inzhener.

More precision in the size of automatic mill mandrels. Stal' 16 no.4:
362-363 Ap '56. (MIRA 9:7)

1. Dnepropetrovskiy truboprokatnyy zavod imeni Lenina.
(Rolling (Metalwork)) (Pipe, Steel)

1. ZAYTSEVA, R. M.; PORTNOV, A. I.
2. USSR (600)
4. Chemistry, Medical and Pharmaceutical
7. Improvement of the method of examining the extract of smartweed (*Polygonum hydropiper*).
Apt. delo no. 5, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

ZAYTSOVA, R.M.; POITNOV, A.I.

Direct bromometric determination of thymol. Apt.delo 8 no.3:
58-60 My-Je '59. (MIRA 12:8)

1. Iz kafedry farmatsevticheskoy khimii Odesskogo farmatsevti-
cheskogo instituta.
(BROMOMETRY) (THYMOL)

1. AUTHOR AND SUBJECT										2. PROCESSES AND PROPERTIES INDEX										3. MET AND ALN INDEX									
RAYTSEVA, R. M.																													
Preparation of tincture of belladonna. R. M. Zaitseva. Farm. Zhur. 1937, No. 1, 52-4. Ignited $Al(OH)_3$ is recommended to absorb and remove the chlorophyll from the tincture. Aq. tincture of belladonna as used in the old pharmacopoeia was prepd. by percolation with acidified H_2O, and found satisfactory. Leo Namarevich																													
3. METALLURGICAL LITERATURE CLASSIFICATION										4. ANALYTICAL INDEX										5. COMMON VARIABLE INDEX									
6. METALLURGICAL LITERATURE CLASSIFICATION										7. ANALYTICAL INDEX										8. COMMON VARIABLE INDEX									

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100008-6

KARPOVA, M.M.; ZAYTSEVA, R.I.; GEKHT, I.I.

Penwithite from the Ushkatyn deposit in central Kazakhstan.
Vest. AN Kazakh. SSSR 20 no.12:61-63 D '64 (MIRA 18:2)

ZAYTSEVA, R.M.

PORTNOV, A.I.; ZAYTSEVA, R.M.; GEMIKHOVICH, O.M.

Developing indicators for rating the quality of dog rose extracts and
improving the process of "cholomas" production. Apt.delo 6 no.1:
31-35 Ja-F '57. (MLRA 10:3)

1. Iz kafedry farmatsevticheskoy khimii (zaveduyushchiy - professor
A.I.Portnov) Odesskogo farmatsevticheskogo instituta.
(DOG ROSE) (DRUGS)

SHVARTSALON, N.S.; RAYTEVA, R.I.

Hemostatic effect of 5-aminocaproic acid. Bern. J. Zs. 28
no. 6:704-707 N-3 '65. (JBR: 19:1)

1. Kafedra farmakologii (zav. - prof. N.S. Shvartsalon) Vyshego
meditsinskogo instituta, Sverdlovsk.

BASHKIROV, V.G.; VEYTS, B.I.; GEKHT, I.I.; ZAYTSEVA, R.I.

Neogenic formations in the fire zone of the Tekeli deposit.
Trudy Inst.geol.nauk AN Kazakh.SSR 7:156-192 '63.

(MIRA 17:9)

PETROVA, G.L.; ZAYTSEVA, R.I.; MIROSHNICHENKO, S.A.

Catalytic decomposition of H_2O_2 by Na_2CrO_4 and $BaCl_2$ salts
and barium peroxychromate formation. ² Izv. vys. uch. zav.;
khim. i khim. tekhn. 5 no. 4: 533-535 '62. (MIRA 15:12)

1. Moskovskiy tekstil'nyy institut, kafedra obshchey i
neorganicheskoy khimii.

(Hydrogen peroxide)

(Sodium chromate)

(Barium chloride)

ANKINOVICH, Ye.A.; GEKHT, I.I.; ZAYTSEVA, R.I.

Carbonate cyanotrichite, a new variety of cyanotrichite. Zap.Vses.min.
ob-va 92 no.4:458-463 '63. (MIRA 17:2)

L 20520-66

ACC NR: AP6010091

only after annealing at 1100C. This showed that dispersed inclusions of $\gamma\text{-Al}_2\text{O}_3$ significantly increased the temperature of the beginning of weakening of nickel. Nickel- $\gamma\text{-Al}_2\text{O}_3$ alloy cold-strained with a reduction of 80% has a much higher hardness than extruded alloys. However, the hardness of cold-strained alloys decreased sharply after annealing at 400—450C, and in extruded alloys, after annealing at above 1000C. This seems to confirm the assumption that a high cold reduction disrupts the bonds between the alloy base and $\gamma\text{-Al}_2\text{O}_3$ particles, as a result of which the weakening of the alloys with $\gamma\text{-Al}_2\text{O}_3$ proceeds as in alloys with $\alpha\text{-Al}_2\text{O}_3$. With a lower cold reduction (20--30%), weakening of alloys with $\gamma\text{-Al}_2\text{O}_3$ begins at the same temperatures as in extruded alloys. The significant advantages of nickel alloys containing $\gamma\text{-Al}_2\text{O}_3$ inclusions become most pronounced in prolonged tests at high temperatures. The best results were obtained on an alloy containing 5% $\gamma\text{-Al}_2\text{O}_3$ which, under a stress of 3 kg/mm² at 800C, had a rupture life of 625 hr, i.e., 70 times longer than that of pure nickel. Orig. art. has: 4 figures. [MS]

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 004/ ATD PRESS: 4224

Cord 2/2

I 20629-66 EWP(k)/EWT(s)/T/EWP(s)/EWP(w)/EWP(t) IJP(c) JH/JD/H

ACC NR: AP6010091

SOURCE CODE: UR/0129/66/000/003/0029/0032

AUTHOR: Borok, V. A.; Zuytseva, R. D.; Karpman, G. M.; Perkas, M. D.

ORG: TsNIICHERMET

TITLE: Strengthening and weakening of nickel alloys containing aluminum oxide

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1966, 29-32

TOPIC TAGS: nickel, nickel alloy, aluminum oxide containing alloy, alloy strengthening, alloy weakening, alloy hardness

ABSTRACT: Carbonyl nickel powder mixed with α -aluminum oxide or γ -aluminum oxide powder was compacted, sintered in a hydrogen atmosphere, and then extruded at 1050C. The obtained alloys of nickel with 0.5--7% γ - Al_2O_3 and nickel with 3.0% α - Al_2O_3 were tested for hardness and mechanical strength. Results of the tests showed that as the γ - Al_2O_3 content increased to 3 and 7%, the yield strength of extruded nickel increased to 29.4 and 40 kg/mm², respectively, compared to the yield strength of 18 kg/mm² for extruded nickel without γ - Al_2O_3 powder. The corresponding figures for the hardness were HRB 76, 87, and 45, respectively. Alpha- Al_2O_3 , whether added as powder or formed from γ - Al_2O_3 with high-temperature annealing (above 1100C) of the nickel- γ - Al_2O_3 alloy, had only slight effect on the yield strength and hardness of the alloy. In nickel and its alloys with α - Al_2O_3 , the hardness decreased after annealing at 400--600C, but in alloys with γ - Al_2O_3 , the hardness sharply decreased

Card 1/2

UDC: 669.24

ZAYTSEVA, R.A.

Peripheral blood and medullary hemopoiesis in starving rabbits
following parenteral feeding. Uch.zap. 2-go MGMI 16:50-62 '58.
(MIRA 13:6)
(BLOOD CELLS) (HEMOPOIETIC SYSTEM) (BLOOD PLASMA SUBSTITUTES)
(STARVATION)

SHAFER, S.H., inzh.; ZAYTSEVA, R.A., inzh.

Efficiency protocols of the "Priznyi pr slatarn" Plant. Vet.
i gornod. prom. no.6:76 R-D 102. (MIRA 17:8)

ZAYTSEVA, R.A.

Peripheral blood and bone marrow of a growing rabbit in normal
conditions and during starvation. Uch.zap. 2-go MGMI 16:30-49
'58. (MIRA 13:6)
(BLOOD CELLS) (HEMOPOIETIC SYSTEM) (MARROW) (STARVATION)

ZAYTSEVA, P.S. --

"Biochemical and Physiological Characteristics of Different Varieties of Potatoes According to Their Canker Resistance." Cand Biol Sci, Kiev, 1953. (RZhBiol, No 2, Sept 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

ZAITSEVA, P. S.

IVANOV, B. Ya., inzhener; APANAS'YEV, A., kandidat tekhnicheskikh nauk.

"Standardizing the consumption of basic materials." M. L. Shustorovich,
P. S. Zaitseva. Reviewed by B. I. A. Ivanov, A. Afanas'ev. Leg. prom. 14 no. 3:
50-54 Mr '54. (MLRA 7:5)

(Shoe industry) (Shustorovich, M. L.) (Zaitseva, P. S.)

ACC NR: AT6028813

circuit diagram of the recorder system is given. When a wave actuates the triggering contact, the recorder switches on for 10 min and then shuts off for 2 hr. If, after 2 hr, no waves of the necessary height are detected, the recorder switches on for 5 sec and makes a special mark on the photosensitive oscillograph tape. The unit is powered by a 29-GRMTs-13, 14.5-v, dry-cell battery. The recorder housing is made of opaque, 6-mm-thick textolite plate. The wave staff used in the tests was a poly(vinyl chloride) tube with 2-cm-wide copper rings spaced 10-cm apart. In the tests, it was found that water film on the staff in the wave trough resulted in a thick trace on the tape. To overcome this, the use of an improved type of contact is recommended. The improved contact consists basically of 2 vertically positioned brass cylinders, one within the other and insulated from each other at the top. Two sets of holes at different heights in the outer cylinder allow water to enter (through the lower holes) the space between the cylinders and thus close the circuit. Most of the air in the cavity between the cylinders is forced out of the upper holes; however, some air is trapped above the upper holes thus preventing water from forming a film across the insulation between the tops of the cylinders. The tape capacity of the recorder is sufficient for recording twelve 10-min periods at a tape speed of 1.5 mm/sec. The electric power from the battery is sufficient for recording sixteen 15-m-long tape reels. Orig. art. has: 2 figures and 1 table. [WA-N04]

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 002/

Card 2/2

ACC NR: AT6028813

(N)

SOURCE CODE: UR/3222/65/000/008/0129/0134

AUTHOR: Sheykin, I. V. (Engineer); Zaytseva, O. B. (Engineer)

ORG: none

TITLE: Automatic program-controlled wave recorder

SOURCE: Moscow. Gosudarstvennyy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut morskogo transporta. Trudy, no. 8(14), 1965. Volnovyye issledovaniya; inzhenernyye izyskaniya (Wave studies; engineering research), 129-134

TOPIC TAGS: measuring instrument, liquid level instrument, hydraulic engineering, ocean dynamics, automatic wave recorder, ocean wave height, *OCEANOGRAPHIC INSTRUMENT*

ABSTRACT: The article describes an automatic program-controlled wave recorder used in conjunction with an electric-contact wave staff. The wave recorder system described below was designed and tested by the Laboratory for Instruments and Methods for Studying Hydraulic-Engineering Structures of the State Planning, Design and Scientific Research Institute for Marine Transportation of the Ministry of the Merchant Marine. The recorder and power supply are sealed in a 600 x 460 x 440-mm steel box, which is placed on the bottom near the base of the staff and connected to it by a 5-strand RShM cable. The recorder is activated only when the waves reach or exceed a preset height determined by movable contacts on the staff. The recorder is equipped with an expended-tape indicator mounted above water on the wave staff. The operating principles and components are discussed in detail, and a

Card 1/2

ZAYTSEVA, G.M.

CA

17

Volumetric determination of salsoline. A. A. Konovalova and G. A. Zaitseva (Vsesoyuz. Nauch.-Issledovatel. Khim.-Farm. Inst. im. S. Ordzhonikidze). *Ud. Prom. S.S.S.R.* 1949, No. 4, 31-3. —Add 5 g. NaHCO_3 and 5 g. NaOAc to a 0.5-g. sample in 100 cc. H_2O , chill, and titrate with 0.1 *N* diazotized *p*-nitroaniline until an external drop test (same soln.) no longer gives a violet color. The calen. factor is 0.022947 g. salsoline-HCl per ml. of the diazonium soln. Salsoline does not interfere.

G. M. Kosolapoff

ZEL'MANOVICH, B.M.; ZAYTSEVA, O.P.; SALEPTEVA, N.I.

Sensitivity to antibiotics of strains of E. coli isolated from
children with dyspepsia. Antibiotiki 6 no.3:120 My-Je '60.
(MIRA 14:6)

1. Kafedra mikrobiologii (zav. - prof. V.D.Shtiben) Krasnoyarskogo
gosudarstvennogo meditsinskogo instituta.
(ESCHERICHIA COLI) (ANTIBIOTICS)
(DYSPEPSIA)

ARVAN, Kh.L.; ZAYTSEVA, N.Ye.

Spectral investigation of aggregations of dyes in low-polar
solvents. Opt.i spektr. 11 no.1:74-77 J1 '61. (MIRA 14:10)
(Rhodamines---Spectra)

ZAMIRSEVA, N. Ya.

Plany uch'ov po arifmetike v V klasse. In opita raboty Arithmetic lessons for the 5th grade: work practice. Moscow, Uchebdata, 1971. 94 p. (Uchebnye zadaniya. Akad. ped. nauk).

SO: Monthly list of Russian Acquisitions, Vol 7, No 4, July 1974.

ZAYTSEVA, N.Ya.
DZYUBA, F.T.

About a manual of poor quality ("Methodological instructions for teaching arithmetic in the 5th grade." N.I.A. Zaitseva, A.I. Zykus, A.N. Erastova. Reviewed by F.T. Dziuba). Mat. v shkole no.6:69-74
N-D '54. (MLRA 7:11)
(Arithmetic--Study and teaching) (Zaitseva, N.I.A.) (Zykus, A.I.)
(Erastova, A.N.)

ZAYTSEVA, Nina Yakovlevna; ZYKUS, Aleksandra Ivanovna; ERASOVA,
Anna Nikolayevna; LEPESHKINA, N.I., redaktor; RYBIN, I.V.,
tekhnicheskiiy redaktor.

[Arithmetic lesson plans for class 5] Plany urokov po arif-
metike v 5 klasse. Moskva, Gos. uchebno-pedagog. izd-vo.
Ministerstva prosveshcheniia RSFSR, 1954, 147 p. (MLRA 8:8)
(Arithmetic--Study and teaching)

ARVAN, Kh.L.; ZAYTSEVA, N.Ye.

Spectral study of the effect of the solvent on the aggregation of
organic dyes. Opt. i spektr. 10 no.2:272-276 F '61. (MIRA 14:2)
(Dyes and dyeing—Spectra)

KOZLOV, K.D.; prinimali uchastiye: ZAGORUYKO, K.Ye; ROZOVA, Z.I.; BULATETSKAYA, T.P.; TREYSTER, F.Z.; SHCHUKINA, T.M.; ZAYTSEVA, N.Ye.; KRYLOVA, L.S.; AMEL'YAN, G.Ye.; BAYDAKOV, N.N.; RYZHKOV, A.N., red.; MEMESHKINA, L.I., tekhn. red.

[Economy of Sakhalin Province; statistical collection] Narodnoe khoziaistvo Sakhalinskoi oblasti; statisticheskii sbornik. Iuzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 103 p. (MIRA 14:6)

1. Sakhalin (Province) Statisticheskoye upravleniye. 2. Kollektiv rabotnikov Statisticheskogo upravleniya Sakhalinskoy oblasti (for all except Ryzhkov, Memeshkina). 3. Nachal'nik Statisticheskogo upravleniya Sakhalinskoy oblasti (for Kozlov)
(Sakhalin--Statistics)

ZAYTSEVA, N.V.

Content of basic chemical components in Quaternary varved clays
of White Island. Dokl. Ak. Nauk SSSR 2 no.5:526-528 Py '64.
(MLR 17:9)

1. Institut geologii Gosudarstvennogo geologicheskogo komiteta
SSSR. Predstavleno akademikom AN SSSR V.I. Ibragimovym.

NOVIKOV, V.S., prof., otv.red.; FREYMUNDT, Ye.N., dotsent, zam.otv.red.;
 RYABUSHKIN, T.V., prof., red.; EYDEL'MAN, M.R., kand.ekon.nauk,
 red.; MALYY, I.G., dotsent, red.; VASHENTSOVA, V.M., dotsent,
 red.; ZAYTSEVA, N.V., kand.ekon.nauk; SHENTSIS, Ye.M., red.;
 KAPRALOVA, A.A., tekhn.red.

[Problems in the balance of the economy of a Union Republic;
 concise stenographic record of an academic conference, January
 25-27, 1960] Problemy balansu narodnogo khoziaistva soiuznol
 respubliki; sokrashchennaya stenogramma nauchnoi konferentsii
 25-27 ianvaria 1960 g. Moskva, Gosstatizdat, TsSU SSSR, 1960.
 118 p. (MIRA 14:3)

1. Moscow. Ekonomiko-statisticheskii institut. 2. Moskovskiy
 ekonomiko-statisticheskii institut (for Novikov, Freymundt).
 3. Institut ekonomiki Akademii nauk SSSR (for Ryabushkin).
 4. Tsentral'noye statisticheskoye upravleniye SSSR (for Eydel'man).
 5. Moskovskiy gosudarstvennyy ekonomicheskii institut (for Maly).
- (Russia--Economic policy) (Russia--Statistics)

ZAYTSEVA, N.V.

Data on detached marl-chalk rocks in White Russia. Trudy Inst.
geol.nav. AN BSSR no.1:197-206 ' 58. (MIRA 12:1)
(White Russia--Rocks, Sedimentary)

SHCHERBINA, V.N.; ZAYTSEVA, N.V.

Nature of the organic matter in the refractory clays of Stolin
District in the White Russian S.S.R. Dokl. AN BSSR 8 no.11:736-
739 N '64. (MIRA 18:3)

1. Institut geologicheskikh nauk Gosudarstvennogo geologicheskogo
komiteta SSSR.

ZAYTSEVA, N.V.

Some characteristics of the distribution of trace elements in
the varved clays of White Russia. Dokl. AN BSSR 3 no.7:461-464
'64. (MIRA 17:10)

1. Institut geologii Gosudarstvennogo geologicheskogo komiteta BSSR.
Predstavleno akademikom AN BSSR K.I. Lukashevym.

The Third All-Union Conference on...

S/011/63/000/001/002/002
AC06/A101

of metallogeny and models of detailed metallogenic charts of the Caucasus were delivered by Sh. A. Azizbekov and R. N. Abdullayev (in Azerbaydzhan), S. S. Mkrtchyan (in Armenia), G. A. Tvalchrelidze and Yu. I. Nazarov (in Georgia) and V. I. Orobey (in the Northern Caucasus); V. I. Smirnov reported on peculiarities in magmatism and metallogeny of the geosyncline and plateau stage in the evolution of the Western section of Northern Caucasus. Reports were delivered on magmatism and metallogeny in the Dashkesan ore region (M. A. Kashkay, M. A. Mustafabeyli) Southern Georgia (V. R. Nadiradze) the Sevan-Akera zone (S. M. Suleymanov) the Allaverdy-Bolina ore region (T. Sh. Gogishvili) and in the small Caucasian intrusives. G. S. Dzotsenidze reported on "Paleogenous volcanism in the Caucasus and metallogeny related to it"; V. N. Kotlyar on "Deposit types related to paleo-volcanism"; papers were delivered on pyrite deposits in the Somkhito-Karabakh and the Sevan-Akera zone (P. P. Sopko); Northern Caucasus (N. S. Skripchenko, V. I. Buzdze) the Chubuklu-Tanzutsk ore region (S. Sh. Sarkisyan). Reports were read on polymetallic deposits in Northern Caucasus (A. M. Krasnovidova), North-West Caucasus (G. P. Kornev) and the Mekhmany ore field (N. V. Zaytseva). Other reports dealt with gold (N. Ye. Gukhman, D. G. Saliya) mercury (D. V. Abuyev) and rare metal (F. V. Mustafabeyli) mineralization. Group 2 included reports on

Card 2/3

ZAYTSEVA, N. U.

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(21)

8/011/63/000/001/002/002
A006/A101

AUTHOR: Azizbekov, Sh. A.

TITLE: The Third All-Union Conference on regularities in the formation and distribution of endogenous mineral resource deposits

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, no. 1, 1963, 126 - 128

TEXT: The Conference was held in Baku from September 18 to 23, 1962; it was attended by 455 representatives from scientific and industrial geological organizations including 24 Academicians and Corresponding Members of AS USSR and AS of various republic, 49 Doctors-Professors and 164 Candidates of Geological and Mineralogical Sciences. The Conference was opened by Academician D. I. Shcherbakov, secretary of OOOON, AS USSR. The program of the Conference was divided into three main groups: a) regularities in the formation and distribution of endogenous deposits in the Caucasus; b) regularities in the formation and distribution of endogenous deposits of other folding regions of the Alpine cycle; c) general problems of metallogeny. In group a) reports on basic features

Card 1/4

FREYMUNDT, Ye.N., dots.; KORENEVSKAYA, N.N., dots.; IL'CHENKO, S.F;
SAMOYLOVA, A.A., dots.; GUROV, G.M., dots.; IVANOV, Yu.M.;
ZAYTSEVA, N.V., dots.; EYDEL'MAN, M.R., red.; KONIKOV, L.A.,
red.; PONOMAREVA, A.A., tekhn. red.

[Balance of the gross national product of a Union Republic;
problems in the theory and methodology of its preparation]
Balans obshchestvennogo produkta soiuznoi respubliki; vop-
rosy teorii i metodiki sostavleniia. Moskva, Ekonomizdat,
1962. 326 p. (MIRA 16:4)

1. Moscow. Ekonomiko-statisticheskii institut.
(Gross national product)

Zaytseva, N.V.

5(5) PHASE I BOX EXPLOITATION 909/2077

Abadmiya unak Belorusskoy SSR, Minsk. Institut geologicheskikh nauk
 SSSR, 1977. 1 (Transactions of the Institute of Geological Sciences of the
 Belorussian SSR Academy of Sciences) No. 1. Minsk, 1978. 227 p. 700 copies
 printed. Errata slip inserted.

Editorial Board: A.Y. Arsen'yev, A.Y. Puzenbo, and V.N. Shcherbina;
 Ed. of Publishing House: Ye. G. Barabanova; Tech. Ed.: I. Volokhovich.

PURPOSE: This issue of the Institute's Transactions is intended for geologists
 interested in both the physical and historical geology of Belorussia.

CONTENTS: This collection of articles on the geology of Belorussia has been
 prepared by members of that republic's Geological Institute. Individual papers
 discuss various aspects of future development of Belorussia's geological and
 geophysical studies, problems in the petrography of sedimentary rocks, and
 questions in paleontology and paleogeography. Among the papers on historical
 geology are a study of the development of Permian floras and one on spore-pollen
 analysis of Lower Carboniferous horizons. References accompany each article.

Transactions of the Institute (cont.)	909/2077
Matrova, A.P. Iodine and Bromine in Waters and Brines of Belorussia	181
Sorelik, Z.A. The Outlook for Utilizing the Glauconite Rocks of Belorussia	192
Zaytseva, N.V. Data on the Marl-chalk Rock Inclusions in Belorussia	197
Borisyak, B.Y. The Boulder-pebble Rock of Belorussia	207
Bozgalov, G.Y. Rare Components in Ground Water Formation at Deep Horizons	214
Kiselev, P.A. The Ground Water Balance	218
AVAILABLE: Library of Congress (QE1.A376)	

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SHCHERBINA, V.N.; ZAYTSEVA, N.V.

Composition of refractory clays of Stolin District in the
White Russian S.S.R. Dokl. AN BSSR 9 no.2:111-114 F '65.
(MIRA 18:5)

1. Institut geologicheskikh nauk Gosudarstvennogo geologi-
cheskogo komiteta SSSR.

ZAYTSEVA, N.V. [Zaitsava, N.V.]

Carved clays in the lacustrine-glacial sediments of the Drissa
Basin. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.3:97-104 '62.
(MIRA 18:3)

ZAYTSEVA, N.V.

Mineralogical composition of banded clays in the Rovnyanka and
Zhurzhevo deposits. Trudy Inst. geol. nav. An BSSR no. 2:133-142
'60. (MIRA 13:12)
(Vitebsk Province--Clay)

ZAYTSEVA, N.V. [Zaitsava, N.V.]

Varved clays of the Central Berezina fluvio-glacial plain. Vestsi
AN BSSR. Ser. Fiz.-tekh. nav. no.2:64-71 '63. (MIRA 17:1)

ZAYTSEVA, N. S.

"A Comparative Evaluation of Methods of Cultivating the Trachoma Virus and Other Possibilities of Studying It in the Laboratory." Cand. Sci., Acad. Ped. Sci. USSR, 23 Dec 54. (Vn, 10 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. Co. 556, 24 Jun 55

EXCERPTA MEDICA Sec.12 Vol.12/5 Ophthalmology May 58
ZAYTSEVA, N. S.

781. HISTOLOGICAL FEATURES OF BENIGN AND INTRACTABLE FORMS OF TRACHOMA (Russian text) - Zaitseva N. S. - SBORN. INFORM. - MED. MATERIAL. INST. 1956, 4 (105-108)

Among patients with benign progress of the disease 'severe' cases in the 3rd stage were observed only in individuals over 50 yr. of age. A marked thickening due to scarring and an increase in connective tissue was observed in the submucosa and in the cartilage. The infiltration involved mainly the superficial layers (lymphocytes, plasma cells). In the group with the chronic form tarsitis was present in 23 cases out of 24. Epithelial growth into the depth of the submucosa was noted together with separating off of discrete islands of epithelium. (S)

USSR / Virology. Viruses of Man and Animals. Chlamydozoa.

E-2

Abs Jour : Raf Zhur - Biologiya, No 22, 1958, No. 99184

Author : Zaytseva, N. S.

Inst : ~~State Scientific~~ Research Institute for Eye Diseases

Title : On the Method of Investigating Conjunctiva Scrapings
on Prowazek's Bodies

Orig Pub : Uch. zap. i inform. myetod. matyerialy. Gos. n.-1
in-t glazn. boleznyey, 1957, No 2, 38-41

Abstract : No abstract given

Card 1/1

ZAYTSEVA, N.S.

CHUMAKOV, M.P.; FRADKIN, M.Ya.; SHLYKOVA, B.D.; AVAKYAN A.A.; ZAITSEVA N.S.

New method for trachoma control; therapy with chloromycetin
L and synthomycin. Vest. oft., Moskva 30 no.3:3-9 May-June 51.
(CML 21:1)

1. Of the State Scientific-Research Institute for Eye
Diseases imeni Gel'mgol'ts and of the Institute of Viru-
sology imeni Ivanovskiy of the Academy of Medical Sciences
USSR.

1. TARANOVA, V. V., ZAYTSEVA, N. P.
2. USSR (600)
4. Flavsk Kistrict-Coal
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shchekino, and Lazarevo Districts (sheet N-37-75, scale 1:100,000).
[Abstract.] Izv. Glav. upr. geol. fon. No. 2, 1947
9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. TARASOVA, V. V., ZAYTSEVA, N. P.
2. USSR (600)
4. Krapivna District - Coal
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shchekiho, and Lazarevo Districts (sheet N-37-75, scale 1:100,000.) /Abstract/. Izv. Glav. upr. geol. fon. no.2. 1947
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

1. ZAYTSEVA, N. P., TARASOVA, V. V.
2. USSR (600)
4. Lazarev District - Coal
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shchekino, and Lazarevo Districts (sheet N-36-35, scale 1:1000.000). [Abstract].
Izv.Glav. upr.geol.fon. no. 2. 1947

Monthly Lists of Russian Accessions, Library of Congress, March, 1953, Unclassified.

1. TARASOVA, V. V.: ZAYTSEVA, N. P.
2. USSR (600)
4. Shchekino District - Coal
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shchekino, and Lazarevo Districts (sheet N-37-75, scale 1:100,000) [Abstract] Izv. Glav. upr. geol. fon. no. 2, 1947.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. TARASOVA, V. V., ZAYTSEVA, N. P.
2. USSR (600)
4. Coal - Shchekino District
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shchekino, and Lazarevo Districts (sheet N-37-75, scale 1:100,000). (Abstract.) Izv. Glav. upr. geol. fon. no. 2, 1947.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. TARASOVA, V. V., ZAYTSEVA, N. P.
2. USSR (600)
4. Coal - Plavsk District
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shchekino, and Lazarevo Districts (sheet N-37-75, scale 1:100,000). (Abstract.)
Izv. Glav. upr. geol. fon. no. 2, 1947.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

- 1.. TARASOVA, V. V., ZATSEVA, N. F.
2. USSR (600)
4. Coal - Lazarevo District
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shebekino, and Lazarevo. Districts (sheet N-37-75, scale 1:100,000). (Abstract.) Izv. Glav. upr. geol. fon no. 2, 1947.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. TARASOVA, V.V., ZAYTSEVA, N.P.
2. USSR (600)
4. Coal-Krapivna District
7. Preliminary report of the Plavsk geological surveying party of the Moscow coal expedition in 1944 on the geological structure of the Plavsk, Krapivna, Shchekino, and Lazarevo Districts (sheet N-37-75, scale 1:100,000). (Abstract)
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9. Monthly List of Russian Accessions, Library of Congress, March 1951. Unclassified.

ZAYTSEVA N.S.

ZAYTSEVA, N.S.

Concerning the article "Inclusion bodies in vernal conjunctivitis"
by P.N.Zhurin. Vest.oft. 70 no.6:44-46 N-D '57. (MIRA 11:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut glaznykh
bolezney imeni Gel'mgol'tsa (dir. A.V.Roslavtsev).
(CONJUNCTIVITIS) (ZHURIN, P.N.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100008-6

ZAYTSEVA, N.P.; SMEDOVICH, Ye.V.

Investigating the group chemical composition of the heavy gas
oil of retarded coking. Trudy MIREKHIM no.44:203-209 1963.
(MIRA 18:5)

SIDOROV, V.A.; MOROZOVA, N.V.; TROSMAN, G.M.; ZAYTSEVA, N.P.; ALEKSANDROV, K.N.

Using stabilized polyamide films in agriculture. Biol. tekhn.-ekon.
inform. Gos. nauch.-issl. nauch. i tekhn. inform. 17 no.9:67-69
S '64 (MIRA 18.1)

9552/ADOS

Moscow. Institut matematicheskoy i fizicheskoy prozhalnennosti.
 Problem nafti i gaza (Oil and Gas Problems). Moscow, Gosoptekhnizdat, 1965.
 362 p. (Series: Kibernetika, vyp. 24) Extrapolated, 1965.
 printed.

Sponsoring Agency: Ministerstvo vysshogo obrazovaniya SSSR.
Proc. Yt. : 1971.

G. P. Morgunov, Tech. Ed.; I. G. Fedotova, Editorial Board; I. F. Belikov, Professor (Resp. Ed.); M. Kurayev, Professor, A. A. Rukhovich, Candidate of Economic Sciences, N. M. Zhigardov, Candidate of Technical Sciences, M. G. Cherny, Professor, F. P. Duzayev, Professor, I. A. Cherny, Professor, V. E. Zakhny, Professor, G. N. Panchetkov, Professor.

PURPOSE: This collection of articles is intended for specialists in the petroleum and gas industry. It will also be of interest to scientific research institutions, teachers and students of universities.

NOTE: This collection of articles is intended for specialists in the petroleum and gas industry. It will also be of interest to scientific research institutions, teachers and students of universities.

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Bochvarov, I. Y., Yu. M. Pavlovskii, E. P. Boyer, M. V. Kuznetsov, and
O. I. Smirnovskiy. Present State of the Synthesis of Benzene
Radicals and Their Chemical Reactions.

Isagulyana, I. V. Ionic Exchange Resins and Their Application to Organic Catalysis. 288

Currah, I. L. (Deceased), A. L. Stank, Fe. V. Sidorovich, K. A. Sidorovich, S. Krasnaya, V. S. Petrov, A. S. Sidorov, and A. A. Sidorovich. The Process of Antineoplastic Coking of Heavy Petroleum Residues Carried Out Over a Period of Years.

L. P. Isaichevich, A. I. Bilykhin, O. G. Sushchikova,
I. V. Kuznetsov, M. F. Sedukhin, L. N. Shumakov,
K. I. Zhuravskiy, A. A. Zaitsev, and V. M. Yatskiy;
carbon oils in organic solvents and their solubility in hydro-
oil manufacturing

III

Properties of Lubo Oil and Grease

and their influence on

oil-bearing

GURVICH, V.L. [deceased]; SKOBLO, A.I.; SMIDOVICH, Ye.V.; ZAYTSEVA, N.P.;
KAZANSKAYA, N.S.; PETROV, V.N.; SUVOROV, A.S.; SHCHERBAKOV, A.A.

Continuous coking of heavy petroleum residues on powdered coke.
Trudy MINKHIGP no.24:298-310 '59. (MIRA 13:3)
(Petroleum coke)

SEVERIN, S.Ye.; TELEPNEVA, V.I.; ZAYTSEVA, N.N.; SHARKOVA, Ye.V.

Particular features of oxidative phosphorylation in denervated skeletal muscles. Ukr.biokhim.zhur. 37 no.5:787-797 '65.

(MIRA 18:10)

1. Kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta.

ZAYTSEVA, N.N.; Primalni uchastiye: MYASOYEDOVA, K.N., studentka;
YEVTIKHINA, Z.F., studentka; RODIONOVA, N.P., studentka

Oxidative phosphorylation in the tissues of the skeletal
muscles in experimental vitamin E deficiency. Vop. med.
khim. 7 no.3:313-319 My-Je '61. (MIRA 15:3)

1. Chair of Animal Biochemistry, the "M.V. Lomonosov"
Moscow State University.

(MUSCLE)
(PHOSPHORYLATION)
(TOCOPHEROL)

ZAYTSEVA, N.N.

Chemical Abst.
Vol. 48
Apr. 10, 1954
Biological Chemistry

Effect of carnosine and anserine on formation of energy-rich phosphorus compounds in the muscle tissue. N. P. Meshkova and N. N. Zaitseva. *Doklady Akad. Nauk S.S.S.R.* 92, 909-1002(1953); cf. C.A. 46, 4086a. Incubation expts. with minced pigeon-breast muscle specimens with or without added NaF (NaF retards tissue respiration and formation of labile phosphates) showed that carnosine and anserine added to the mince lead to greater formation of adenosinetriphosphate (ATP) by increasing intensity of oxidative phosphorylation. In presence of glucose and hexokinase as phosphate acceptors; addn. of anserine leads to greater accumulation of fructose diphosphate, caused by greater formation of ATP; anserine does not affect the hexokinase reaction. Carnosine and anserine accelerate formation of phosphocreatine only in undialyzed exts., thus showing acceleration of transesterification of ATP in respect to creatine. G. M. Kosolapoff

VETSHEVA, V.F., dotsent; ZAYTSEVA, N.N., starshiy prepodavatel'

Comparative study of the standardized and the operating
standard based on the inventory data of lumber at the
Tayturka LDK. Trudy STI 34:16-24 '63.

Studying the quantitative and qualitative yield of lumber
from Siberian pine logs in the Far East. Ibid.:25-33
(MIRA 17:2)

KASHINA, Tat'yana Sergeyevna; KOTLYAREVSKAYA, G.A., st. nauchn. sotr., retsenzent; ZAYTSEVA, N.M., prepodavatel', retsenzent; LIOGON'KIY, B.L., inzh., otv. red.; ANPILOGOV, A.V., red.

[Technology of wood finishing; manual on laboratory experiments for students of the faculty of the mechanical technology of wood] Tekhnologiya otdelki drevesiny; posobie k laboratornym rabotam dlia studentov fakul'teta mekhanicheskoi tekhnologii drevesiny. Leningrad, Vses. za-ochnyi lesotekhn. in-t, 1963. 42 p. (MIRA 17:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli (for Kotlyarevskaya).

ZAYTSEVA, N.M.;CHUMAKOV, A.N.

Prevention of complications in scarlet fever. *Pediatrics*, Moskva
no.6:38-40 Nov-Dec 1953. (CML 25:5)

1. Of the Infectious Division of the Department of Children's Diseases
(Head of Department --- Yu. F. Dombrovskaya) of First Moscow Order of
Lenin Medical Institute located at Children's Hospital imeni I. V.
Rusakov (Head Physician --- Docent V. A. Kruzhkov).

GLIKMAN, S.A.; SHUBTSOVA, I.G.; KLISHINA, S.A.; ZAYTSEVA, N.M.

Optimum acidity of pectin gels. Izv.vys.ucheb.zav.; pishch. tekhn.
no.3:83-87 '63. (MIRA 16:8)

1. Saratovskiy gosudarstvennyy universitet, kafedra fizicheskoy
khimii polimerov.

(Pectin)

ZAYTSEVA, N. M.

ZAYTSEVA, N. M. - "Certain Indicators of the Functional Condition of the Cardiovascular System in Children Suffering from Rheumatism." Sub 8 Dec 52, First Moscow Order of Lenin Medical Inst. (Dissertation for the Degree of Candidate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

ZAYTSEVA, N.M., kandidat meditsinskikh nauk

Functional state of the cardiovascular system in schoolchildren
suffering from rheumatic fever. Vop.okh.mat. i det. 1 no.5:29-34
S-O '56. (MIRA 9:11)

1. Iz kafedry detskikh bolezney (zav. - deystvitel'nyy chlen Akademii
meditsinskikh nauk SSSR prof. Yu.F.Dombrovskaya) i Moskovskogo ordena
Lenina meditsinskogo instituta imeni I.M.Sechenova.
(CARDIOVASCULAR SYSTEM--DISEASES)
(RHEUMATIC FEVER)

ZAYTSEVA N. M. EXCERPTA MEDICA Sec. 7 Vol. 9/10 Oct. 55

251. ZAYTSEVA N. M., AZAROVA S. A., TYURIN N. A. and MOTOVILOVA E. A. 7)
Treat with oxygen as a treatment in ascariasis (Russian text) PEDIATRIJA 1954, 3 (69-72) Illus. 3
Food that causes flatulence was stopped for 1-2 days; an enema was given in the evening and morning; then oxygen was allowed to flow through a nasal catheter or stomach tube into the empty stomach in a dose of 150 ml. of oxygen per year of age and at a rate of 50-70 ml. per 1-2 min. Thirty min later castor oil was administered. Sixteen out of 20 children treated passed roundworms. The method is harmless. The only side-effects were eructations, which required interruption of treatment.
Najman - Rijeka (XX, 7)

ZAYTSEVA, N.M.

EXCERPTA MEDICA Sec 7 Vol.12/6 Pediatrics June 58

1709. THE FUNCTIONAL STATE OF THE CARDIOVASCULAR SYSTEM IN SCHOOL-CHILDREN SUFFERING FROM RHEUMATISM (Russian text) - Zaytseva N. M. - VOP. OKHR. MATER. DET. 1956. 1/5 (28-34)

A study of the state of the cardiovascular system in 50 schoolchildren in the acute, subacute, and quiescent stages of rheumatism by measuring arterial blood pressure, pulse, and respiration showed that the symptoms of children suffering from rheumatism correlated with the results of the functional tests; particularly numerous changes were found during attendance at school in the early months after a rheumatic attack.

(S)

ZAYTSEVA, N.M., kandidat meditsinskikh nauk; AZAROVA, S.A., ordinator;
TYURIN, N.A., ordinator; MOTOVILOVA, Ye.A., ordinator

Oxygen treatment for ascariasis. *Pediatrics* no.3:69-72 My-Je '54.
(MLRA 8:1)

1. Iz kliniki detskikh bolezney (zaveduiushchiy kafedroy -
deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR professor
Yu.F.Dombrovskaya) I Moskovskogo ordena Lenina meditsinskogo in-
stituta.

(ASCARIDS AND ASCARIASIS)

(OXYGEN--THERAPEUTIC USE)

ZAYTSEVA, N.K., inzh.

Analytic relationships for calculating heaters with steam
heat carriers. Izv. vys. usheb. zav.; energ. 7 no.6:82-86
Je '64 (MIRA 17:8)

1. Belorusskiy politekhnicheskiy institut. Predstavlena ka-
fedroy teplogazosnabzheniya i ventilyatsii.

L 04198-67

ACC NR: AP6028583

greatest strength ($\sigma_v = 50 \text{ kg/mm}^2$ and $\sigma_{0.2} = 40 \text{ kg/mm}^2$) was obtained after step aging at 20°C for 2 months + 70°C 1000 hrs or after aging at 20°C for 2 yrs. Microstructures of V92Ts and ATsM alloys were shown after different aging treatments. Particles of T-phase ($\text{Al}_2\text{Mg}_3\text{Zn}_3$) appeared after aging at 20°C for 1 hr; these were coherent with the matrix and had a lattice orientation of $\{110\}_M \parallel \{112\}_T$ for $a_T = 14.16 \text{ \AA}$. Coherent particles of T-phase formed along grain boundaries after supplementary aging at 70°C . By aging at room temperature for long times and subsequently aging at 200°C a highly dispersed precipitation of T-phase occurred, which significantly increased the strength and creep resistance. An increased sensitivity to stress corrosion was caused by grain boundary precipitation of small particles of T-phase, however, no corrosion cracking occurred after step aging--even with prolonged heat at 70°C . Orig. art. has: 1 figure, 1 table.

SUB CODE: 11/

SUBM DATE: none/

ORIG REF: 002/

OTH REF: 004

Card 2/2 *LC*

L 04198-57 ENT(m)/EWP(m)/T/EWP(t)/GTI LJP(e) JD/JH
 ACC NR: AP6028583 (N) SOURCE CODE: UR/0129/66/000/008/0011/0014

AUTHOR: Fridlyander, I. N.; Gerchikova, N. S.; Zaytseva, N. I.

ORG: none

TITLE: A study of aging kinetics in the alloy V92Ts of the Al-Zn-Mg system

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 8, 1966, 11-14

TOPIC TAGS: aluminum alloy, aging process, electron microscopy, heat treatment, precipitation hardening, mechanical property, stress corrosion

ABSTRACT: Transmission electron microscopy was used to study the aging kinetics in V92Ts in order to determine the cause of strengthening and delayed fracturing. The alloy composition was: 3.1% Zn, 4.1% Mg, 0.65% Mn, 0.15% Zr, 0.2% Fe, 0.10% Si, and Al as remainder. The original sheet material (2 mm thick) was rolled to 50 μ , heat treated and etched in a hydrochloric-acetic acid electrolyte by the "window" method. After quenching and zone aging for periods ranging from 3 days to 1 month at 20°C, dislocation loops and isolated dislocations formed. The greatest loop density after quenching from 550°C corresponding to the greatest degree of vacancy supersaturation. With aging the dissolved atoms and vacancies agglomerated, and Guinier-Preston zones formed after 6 months at 20°C. The mechanical properties and stress corrosion resistance of V92Ts are given as a function of aging after water quenching from 450°C. The

UDC: 621.785.54.783.784:669.5'71'72

Card 1/2

ZOLOTNITSKAYA, R.P.; ZAYTSOVA, V.I.

Effect of steroid therapy on the thrombocytopoiesis in patients
with thrombocytopenia purpura. Probl. genet. i perel. krov. 9
no.8:27-29 Ag '64.

(MIRA 12:3)

I. Kafedra fakul'tetskoy terapii (zav. - doystvitel'nyy chlen
ASRN SSSR prof. V.M. Vinogradov) i Bochkovskogo ordena lenina
meditsinskogo instituta imeni Sechenova, Moskva.

ARBUZOV, Yu.P.; Primali uchastiye: FRIDLYANDER, I.N.; ZAYTSEVA, N.I.;
BUROVA Ye.I.; SOLOV'YEVA, V.V.; ARTEM'YEVA, N.F.; ARTEM'YEVA,
M.S.

Properties of welded joints in the B92 aluminum alloy. Alum.
splavy no.3:80-91 '64. (MIRA 17:6)

FRIDLYANDER, I.N.; ZAYTSEVA, N.I.; BUROVA, Ye.I.; ARBUZOV, Yu.P.;
Prinimali uchastiye: ARTEMOVA, M.S.; AGAPOVA, L.I.

Regularities of changes in mechanical and corrosive proper-
ties and the weldability of alloys in the system Al - Zn - Mg.
Alum. splavy no. 3:51-65 '64. (MIRA 17:6)

Effect of various additions on the properties of alloys in
the system Al - Zn - Mg. Ibid. 66-75 (MIRA 17:6)

54"

ACCESSION NR: AT4037649

The natural aging proceeds rather slowly and is not completed in 30 days. In 3 months of natural aging the tensile strength and yield strength increase by 2—3 kg/mm². The alloy is annealed at 320—350C for 2—3 hr with furnace cooling to 200C to room temperature. The annealed alloy has a tensile strength of 27—30 kg/mm², a yield strength of 13—17 kg/mm², and elongation of 18—22%. The tensile strength of the solution heat treated and artificially aged alloy is 43—48 kg/mm², yield strength 29—35 kg/mm², and elongation 18—22% at room temperature; 28 kg/mm², 22 kg/mm², and 25—30%, respectively, at 200C; and 9 kg/mm², 6 kg/mm², and 70%, respectively, at 300C. The tensile and yield strengths of naturally aged alloy are somewhat lower, but the difference becomes smaller with increasing temperature. The alloy can be extruded and cold formed. V92 alloy is welded satisfactorily by argon shielded arc welding; filler wire of the same alloy with 0.2—0.5% Zr and increased Mg and Zn content is recommended. No heat treatment is necessary after welding since the "critical cooling rate" of the alloy is rather low. The strength of welded joints is approximately 0.8 of that of the base metal. Corrosion resistance of V92 alloy is satisfactory. Orig. art. has: 5 tables.

Card 2/3

ACCESSION NR: AT4037649

S/2981/64/000/003/0076/0079

AUTHOR: Fridlyander, I. N.; Zaytseva, N. I.; Burova, Ye. I.;
Arbuzov, Yu. P.

TITLE: The V92 weldable aluminum alloy

SOURCE: Alyuminiyevy*ye splavy*, no. 3, 1964, Deformiruyemy*ye
splavy* (Malleable alloys), 76-79

TOPIC TAGS: aluminum alloy, weldable aluminum alloy, heat
resistant alloy, V92 alloy, heat treatable alloy, wrought alloy,
alloy weldability, alloy corrosion, resistance alloy property

ABSTRACT: The V92 aluminum base alloy contains the following
principal components: Mg, 3.9—4.6%; Zn, 2.9—3.6%; Mn, 0.6—1.0%; and
Be, 0.0001—0.005%. The optimum combination of properties is
obtained at a Zn + Mg sum of 7—8% and a Zn:Mg ratio of 0.75.
The alloy is heat treatable: it is solution heat treated at 450—470C
and artificially aged at 60C for 24 hrs and then at 200C for 1—2 hr.

Card 1/3

YEGOROV, N.V.; SOKOLOVA, N.A.; CHERNOMORDIK, A.Z., inzh.-khimik;
ZAYTSEVA, N.I., inzh.-khimik

New method of printing with pigments prepared on silicate
thickeners with metazine and SVKh-1 latex. Tekst. prom.
24 no.10:64-66 O '64. (MIRA 17:12)

1. Glavnyy inzh. fabriki Bol'shaya Ivanovskaya manufaktura
im. Varentsovoy (for Yegorov). 2. Nachal'nik khimicheskoy
laboratorii fabriki Bol'shaya Ivanovskaya manufaktura im.
Varentsovoy (for Sokolova). 3. Khimicheskaya laboratoriya
fabriki Bol'shaya Ivanovskaya manufaktura im. Varentsovoy
(for Chernomordik, Zaytseva).

ACCESSION NR: AT4037648

effect of last four admixtures was verified on an alloy with 0.8% Mn). Mechanical tests used 2 mm sheet samples, either annealed (2 hours at 400C, cooled to 200C at 30°/hr. or slower), freshly hardened or hardened (water quenching from 445 ± 5C) and naturally (1 week- 3 months) or artificially (96 hrs., 100C) aged. Hardened and naturally aged welded sheet samples were tested for corrosion resistance one month after welding by intermittent immersion in a 3% NaCl solution over a period of three months. Other tests concerned weldability of the alloys. Results are mostly tabulated or plotted on graphs and indicate, in summary form, that addition of Zr, Be and Mn to these systems is useful, while the content of Cu, Fe and Si should be severely controlled. "M. S. Artemova and L. I. Agapova also took part in the work." Orig. art. has: 3 tables and 8 graphs. *

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 04Jun64

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

Card 2/2

ACCESSION NR: AT4037648

S/2981/64/000/003/0066/0075

AUTHOR: Fridlyander, I. N.; Zaytseva, N. I.; Burova, Ye. I.; Arbuzov, Yu. P.

TITLE: Effect of various additives on properties of alloys of the system Al-Zn-Mg

SOURCE: Alyuminiyevy*ye splavy*, no. 3, 1964. Deformiruyemy*ye splavy* (Malleable alloys), 66-75

TOPIC TAGS: aluminum alloy, aluminum zinc magnesium alloy, alloying additive, alloy mechanical property, alloy corrosion resistance, alloy weldability, beryllium additive, zirconium additive, cerium additive, calcium additive, manganese additive, iron additive, silicon additive, titanium additive, copper additive

ABSTRACT: Admixtures of 0.002 - 0.3% Be, 0.05 - 0.3% Zr, 0.1 - 2.0% Ce and 0.2 - 0.8% Ca were analyzed for their effect on the properties of aluminum alloys containing 3% Zn, 3.7% Mg and 0.8% Mn. Other experiments involved admixtures of 0.6 - 1.0% Mn, 0.1 - 0.5% Fe, 0.1 - 0.3% Si, up to 0.2% Ti and 0.05 - 0.3% Cu to an aluminum alloy containing 2.7% Zn, 3.7% Mg and 0.002% Be (the

Card 1/2

ACCESSION NR: AT4037647

graphically and led the authors to submit alloys with a total Zn plus Mg content of 7.0-8.0% (2.9-3.6% Zn, 3.9-4.6% Mg, Zn : Mg ~ 0.8 : 1) and 0.6-1.0% Mn for further testing and development. "M. S. Artemova and L. I. Agapova took part in the experimental part of the work." Orig. art. has 9 graphs and 4 tables.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 04Jun64

ENCL: 00

SUB CODE: MM

NO REF SOV: 002

OTHER: 001

Card 2/2

ACCESSION NR: AT4037647

S/2981/64/000/003/0051/0065

AUTHOR: Fridlyander, L. N.; Zaytseva, N. I.; Burova, Ye. I.; Arbuzov, Yu. P.

TITLE: Principles of variation in the weldability and mechanical and corrosion properties of Al-Zn-Mg alloys

SOURCE: Alyuminiyevy*ye splavy*, no. 3, 1964. Deformiruyemy*ye splavy* (Malleable alloys), 51-65

TOPIC TAGS: aluminum alloy, aluminum zinc magnesium alloy, alloy heat treatment, alloy mechanical property, alloy corrosion resistance, alloy weldability, manganese admixture, zinc, magnesium

ABSTRACT: A group of alloys with 1.5-6% Zn, 1.5-8% Mg and 0.6-1.0% Mn was tested for mechanical properties, corrosion resistance and weldability in relation to composition, heat treatment and aging procedure. Sheets (2 mm thick) were annealed for 2 hrs. at 400C and furnace cooled at 30°/hr. to 200C, then in free air, or water quenched from 440-460C and aged naturally for 1 month or artificially for 96 hrs. at 100C. Corrosion tests involved compositions with 2.5-6.0% Zn and 1.0-3.0% Mg, immersed for 3 months in 3% NaCl solution plus 0.1% H₂O₂ or exposed to corrosion in an industrial atmosphere. The tendency of welded joints to cracking was studied in relation to composition. The results are illustrated

Card 1/2

POVOLOTSKAYA, K.L.; ZAYTSEVA, N.I.; SKOROBOGATOVA, Ye.P.

Fluorometric method for the determination of riboflavin. Vit. res.
1 ikh isp. no.3:108-120 '55. (MLRA 9:4)

(RIBOFLAVIN) (FLUOROMETRY)

POVOLOTSKAYA, K.L.; ZAYTSEVA, N.I.

Decomposition of riboflavin by visible light. Trudy VNIIV 5:
145-151 '54. (MLRA 9:3)

1. Biokhimicheskaya laboratoriya.
(RIBOFLAVIN) (PHOTOCHEMISTRY)

POVOLOTSKAYA, K.L.; SKOROBOGATOVA, Ye.P.; ZAYTSEVA, N.I.

Microbiological method for the determination of riboflavin. Vit. res.
1 ikh isp. no.3:121-128 '55. (MLRA 9:4)

(RIBOFLAVIN) (LACTOBACILLUS CASEI)

POVOLOTSKAYA, K.L.; ZAYTSOVA, N.I.

Chromatographic method for the separation of riboflavin, and its
nucleotides. Vit. res. i ikh isp. no.3:129-132 '55. (MLRA 9:4)

(RIBOFLAVIN) (CHROMATOGRAPHIC ANALYSIS)

ZAYTSEVA, N. I.

"On the Methods of Determining the Absorption Capacity and the Structure of
Exchanging Bases in the Carbonate Soils," Pedology, No. 9-10, 1962.

ILLEGIBLE

FRIDLYANDER, I.N.; ZAYTSEVA, N.I.; BUROVA, Ye.I.; ARBUZOV, Yu.P.

Weldable B92 aluminum alloy. Alium. splavy no.3:76-79 '64.
(MIRA 17:6)